

ABSTRACT OF THE DISCLOSURE

5 The invention relates to macrophages which have at least one of the following properties: their cytotoxic activity without IFN- γ is increased by about 20 to 30% with respect to standard macrophages, and is preferably of about 70%; their cytotoxic activity with IFN- γ is increased by about 20 to about 40% with respect to standard macrophages, and is preferably of about 93%; the extension of the deactivation of the cytotoxic activity in reply to an activation of IFN- γ is in a ratio such that after 60h of activation with IFN- γ , the cytotoxic activity is higher than or equal to 30%, preferably of about 55%, compared to the maximum cytotoxic activity presented by the macrophages due to IFN- γ activation, with said cytotoxic activity being measured as the percentage of inhibition of 3-H thymidine incorporation by target tumoral cells, particularly U 937 cells.